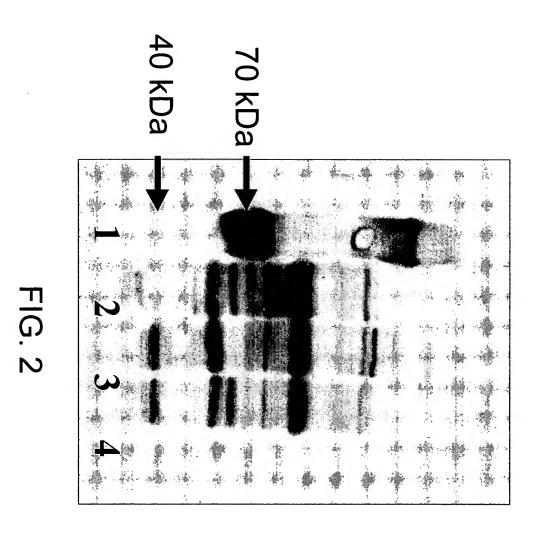
Fitle: MAMMALIAN CELL LINES Inventor(s): Fridovich-Keil, et al. Ser. No.: TBA: Page 1 of 6



Substrate	Activity (nmoles/ug/min)	Std Dev	N	relative activity vs. WT hGALE
	50.11	18.6	49	100%
UDP-Gal	40.18	18.52	16	80%
UDP-Gal	59.78	23.31	21	119%
	37.71	11 93	30	10000
UDP-GalNAc				100%
UDP-GalNAc				0.01% 2.30%
	Substrate UDP-Gal UDP-Gal UDP-GalNAc UDP-GalNAc UDP-GalNAc	Substrate (nmoles/ug/min) UDP-Gal 50.11 UDP-Gal 40.18 UDP-Gal 59.78 UDP-GalNAc 37.71 UDP-GalNAc 0.005	Substrate (nmoles/ug/min) Std Dev UDP-Gal 50.11 18.6 UDP-Gal 40.18 18.52 UDP-Gal 59.78 23.31 UDP-GalNAc 37.71 11.93 UDP-GalNAc 0.005 0.003	Substrate (nmoles/ug/min) Std Dev N UDP-Gal 50.11 18.6 49 UDP-Gal 40.18 18.52 16 UDP-Gal 59.78 23.31 21 UDP-GalNAc 37.71 11.93 30 UDP-GalNAc 0.005 0.003 12

FIGURE 1

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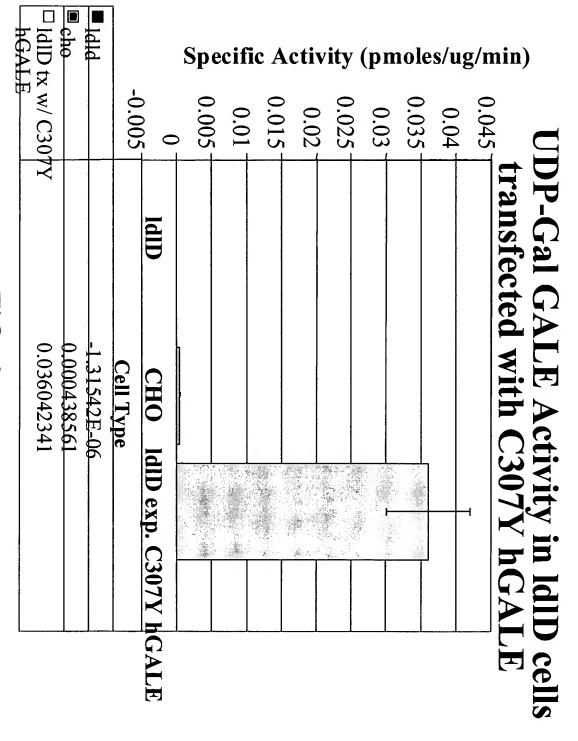


FIG. 3

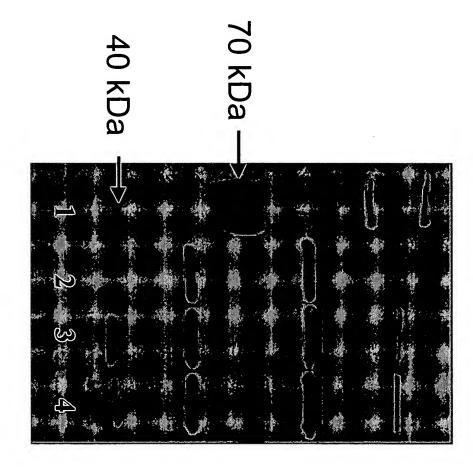


FIG. 4

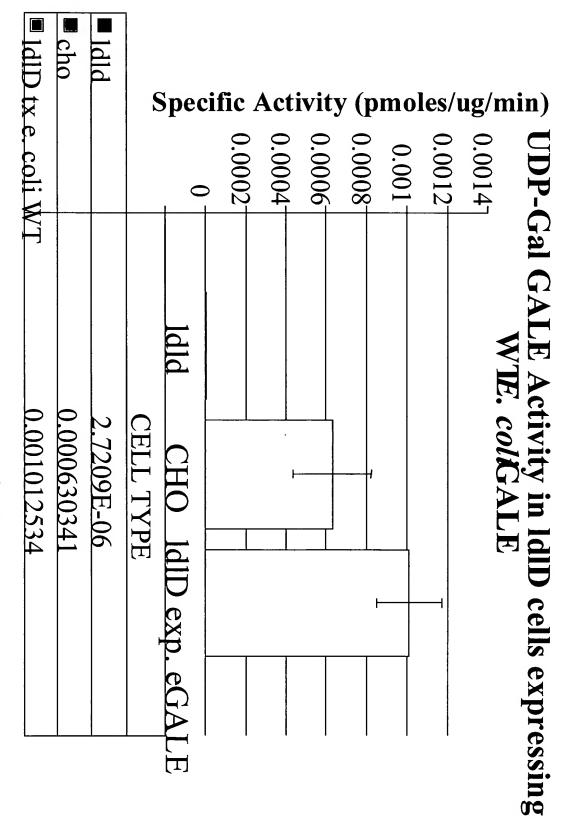


FIG. 5



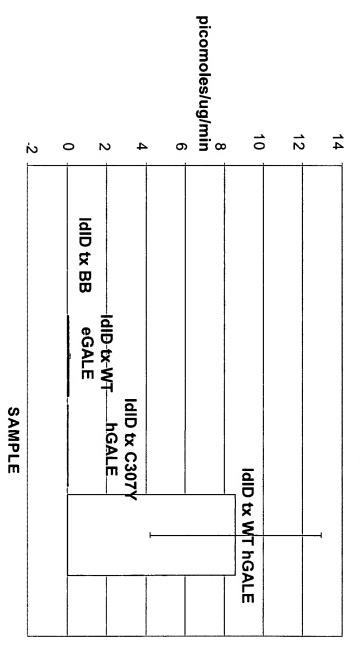


FIG. 6